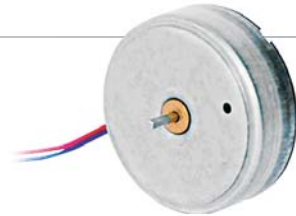


DC Motor · 2007N6M- · \varnothing 20 mm

Specifications Please consult your authorized sales representative for custom specifications.



Type			123-4.5-001	92-3.0-001
Rated voltage	U	V	4.5	3
Terminal resistance	R	Ohm	10.6	7.1
No load speed	n_0	rpm	12300	9200
No load current	I_0	mA	30	28
Stall torque	T_s	mNm	1.28	1.2
Rated torque	T	mNm	0.35	0.3
Rated speed	n	rpm	8700	6850
Rated current	I	mA	140	130
Power	P_{max}	W	0.48	0.32
Max. efficiency	η	%	53	55
Back-EMF constant	K_E	mV/rpm	0.34	0.31
Torque constant	K_T	mNm/A	3.25	2.91
Rotor inertia	J_{Rotor}	gcm ²	0.29	0.29
Speed regulation constant	$\Delta n / \Delta T$	rpm/mNm	9609	8012
Weight		g	8.2	8.2
Length	L	mm	7.2	7.2
Operational conditions*				
Temperature range	T	°C	-20 ~ +65	
Axial force dynamic	F_{Adyn}	N	0.1	
Axial force static	F_{St}	N	4	
Radial force at 3 mm from mounting face	F_R	N	0.3	

* at 25° C

Commutator	metal 6 segments
Max. winding temperature	120 °C
Protection class	IP 20
RFI Protection	Varistor
Bearings	2 sintered bronze

Dimension (mm) · 2007N6M:

